

NICKEL-CONTAINING ALLOYS, METHOD OF MANUFACTURE THEREOF
AND ARTICLES DERIVED THEREFROM

ABSTRACT

[0040] Disclosed herein too is a method for manufacturing an article comprising casting an alloy comprising about 1.5 to about 4.5 weight percent aluminum; about 1.5 to about 4.5 weight percent titanium; up to about 3 weight percent niobium; about 14 to about 28 weight percent chromium; about 10 to 23 weight percent cobalt; about 1 to about 3 weight percent of tungsten, rhenium, ruthenium, molybdenum, or a combination thereof; about 0.02 to about 0.15 weight percent of carbon; about 0.001 to about 0.025 weight percent of boron; up to 0.2 weight percent of zirconium, hafnium, or a combination thereof; into a mold.